LCD Projectors

CPWX8/CPX9/CPX8

HITACHI
Inspire the Next

More convenient, more efficient

These projectors will change your presentations

Compact body packed with practical features

With superior basic performance, a wide range of features and flexible placement capability, these projectors will make your presentations more effective than ever.

LCD Projector
CPWX8 2,600 Lumens
WXGA

LCD Projector
CPX9 3,200 Lumens

LCD Projector
CPX8 2,700 Lumens
XGA

Superior Basic Performance

Approximately 2.2kg (4.9 lbs.) Light Weight

Even with all their functions, these projectors weigh approximately 2.2kg (4.9 lbs.).

High Brightness of 3,200 Lumens CPX9

The CPX9 features high brightness of 3,200 Lumens. (CPWX8 is 2,600 Lumens and CPX8 is 2,700 Lumens.)

WXGA (1280 x 800) Capability CPWX8

Featuring WXGA resolution, the CPWX8 is capable of displaying wide and large images. (CPX9 and CPX8 are XGA.)

Soft Case Included

All three projectors include a convenient soft case as a standard accessory.

Effective Presentations

Built-in Front Air Exhaust

The projectors are designed to exhaust warm air from the front.

BLANK Button

Pressing the BLANK button on the projector lets you switch quickly to a blank screen for a moment. This button is also customizable, allowing you to assign a designated function from the MY BUTTON menu.

HDMI Input

With signals transferred completely in the digital domain, your presentations are assured of the highest image quality.

Flexible Installation

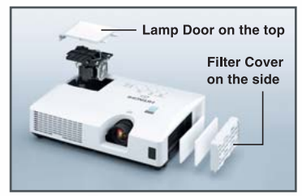
Large Images in a Limited Space

There's no problem using these projectors even in the limited space of a small meeting room, as they can be placed only 1.5m (60 inches)* from a 60 type (inch), 1.5m whiteboard.

* CPX9 and CPX8

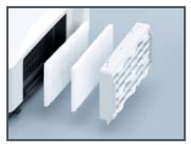
Easy Maintenance

The lamp door is on the top and the filter cover on the side, so maintenance and replacement can be done easily.



Hybrid Filter

The Hybrid Filter requires less frequent maintenance and cleaning, making longer operation possible.



More Convenient Features

Template Function*

The Template function provides four types of lines, circles, and a world map. * Patent pending

Various Security Functions

All three projectors have a Security Bar, PIN Lock, MyScreen Lock and Transition Detector to prevent theft and unauthorized operation.

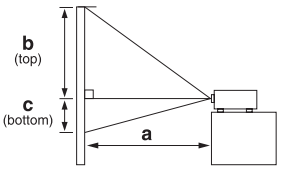
• Input Source Naming • Power Saving Mode • Low Noise of 28dB*1 (ECO Mode) • Audio Pass Through*2 • Blackboard or Whiteboard Modes at Picture Setting • Daytime Mode • My Button • 4-Second Quick Start • Direct Power On/Off • My Text • Resolution Preset and Custom Modes • Auto Vertical Keystone Correction • Serial No. Label on Side • My Source/Document Camera Button on Remote Controller • Closed Caption • Compatible with AMX Device Discovery

*1 Typical. Tested in 23°C environmental conditions.
*2 When in Normal mode at standby setting. It does not function in Saving mode.

SPECIFICATIONS

Model name		CPWX8	CPX9	CPX8
Liquid crystal panel		0.59 type (inch), 1.5cm polysilicon active-matrix TFT x 3	0.63 type (inch), 1.6cm polysilicon active-matrix TFT x 3	
Number of pixels		1,024,000 pixels (H1280 x V800)	786,432 pixels (H1024 x V768)	
Resolution		1280 x 800 color pixels (WXGA)	1024 x 768 color pixels (XGA)	
Manual zoom		x1.2		
Lamp		200W UHP		
Light output (brightness)		2,600 Lumens	3,200 Lumens	2,700 Lumens
Contrast ratio		500:1		
Audio		1W		
Keystone correction		Auto Vertical Keystone		
Power supply		AC100-120V/AC220-240V		
Operating temperature		5-35°C (41-95°F)		
Input signals	Computer input	VGA, SVGA, XGA, WXGA, SXGA, UXGA, MAC16" (up to UXGA with manual adjustment)		
	Video input	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL HDTV: 720p@50/60, 1080i@50/60, 1080p@50/60 SDTV: 480i, 480p, 576i, 576p		
Input/output terminals	Video input	S-Video: Mini Din 4-pin x 1, Composite video: RCA jack x 1, Component video: via D-sub x 2		
	Audio input	Stereo Mini jack x 2		
	Computer input	Analog RGB: 15-pin Mini-Dsub x 1		
	HDMI input	HDMI x 1		
	Audio output	Stereo Mini jack x 1		
	Monitor output	Analog RGB: 15-pin Mini-Dsub x 1		
	Control	9-pin Dsub x 1 for RS232C		
Agency certifications		UL/cUL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, GOST-R		
Dimensions (WxHxD)		306 x 77 x 221mm (12.05" x 3.03" x 8.7") [excluding protruding part]		
Weight		Approximately 2.2kg (4.9 lbs.)		
Standard accessories		Computer cable, Remote control, Batteries, Lens cover, Power cord, User's manual, Security label, Soft case		
Optional accessories		Lamp: DT01141, Filter set: UX36761, Laser remote control: HL02651 (RC-R008)		

PROJECTION DISTANCE



a: LCD projector-to-screen distance
b: Screen height from lens center to top
c: Screen height from lens center to bottom

CPWX8

Screen Size (16:10 Screen)	a Min	a Max	b (top)	c (bottom)
30 type (inch), 0.8m	0.9m (36")	1.1m (44")	38cm (15")	3cm (1")
40 type (inch), 1.0m	1.2m (49")	1.5m (59")	50cm (20")	4cm (2")
50 type (inch), 1.3m	1.6m (61")	1.9m (74")	63cm (25")	5cm (2")
60 type (inch), 1.5m	1.9m (74")	2.3m (89")	75cm (30")	6cm (2")
70 type (inch), 1.8m	2.2m (87")	2.7m (105")	88cm (34")	7cm (3")
80 type (inch), 2.0m	2.5m (100")	3.0m (120")	100cm (39")	8cm (3")
90 type (inch), 2.3m	2.9m (112")	3.4m (135")	113cm (44")	9cm (3")
100 type (inch), 2.5m	3.2m (125")	3.8m (150")	125cm (49")	10cm (4")
120 type (inch), 3.0m	3.8m (150")	4.6m (181")	150cm (59")	12cm (5")
150 type (inch), 3.8m	4.8m (188")	5.8m (227")	188cm (74")	14cm (6")
200 type (inch), 5.1m	6.4m (252")	7.7m (303")	250cm (98")	19cm (8")
250 type (inch), 6.4m	8.0m (315")	9.6m (379")	313cm (123")	24cm (9")
300 type (inch), 7.6m	9.6m (379")	11.6m (455")	375cm (148")	29cm (11")

CPX9/CPX8

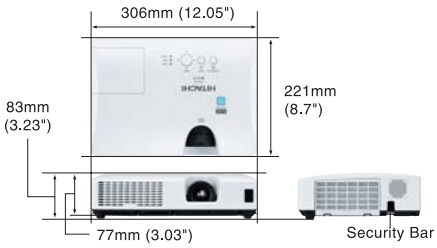
Screen Size (4:3 Screen)	a Min	a Max	b (top)	c (bottom)
30 type (inch), 0.8m	0.7m (29")	0.9m (35")	39cm (15")	7cm (3")
40 type (inch), 1.0m	1.0m (39")	1.2m (47")	52cm (21")	9cm (3")
50 type (inch), 1.3m	1.3m (49")	1.5m (60")	65cm (26")	11cm (4")
60 type (inch), 1.5m	1.5m (60")	1.8m (72")	78cm (31")	13cm (5")
70 type (inch), 1.8m	1.8m (70")	2.1m (84")	91cm (36")	15cm (6")
80 type (inch), 2.0m	2.0m (80")	2.5m (97")	105cm (41")	17cm (7")
90 type (inch), 2.3m	2.3m (90")	2.8m (109")	118cm (46")	20cm (8")
100 type (inch), 2.5m	2.6m (101")	3.1m (121")	131cm (51")	22cm (9")
120 type (inch), 3.0m	3.1m (121")	3.7m (146")	157cm (62")	26cm (10")
150 type (inch), 3.8m	3.9m (152")	4.6m (183")	196cm (77")	33cm (13")
200 type (inch), 5.1m	5.2m (203")	6.2m (244")	261cm (103")	44cm (17")
250 type (inch), 6.4m	6.5m (254")	7.8m (305")	327cm (129")	54cm (21")
300 type (inch), 7.6m	7.8m (305")	9.3m (367")	392cm (154")	65cm (26")

• Tolerance ±8% (for projection distance a) • Final specifications may vary slightly.

STANDARD ACCESSORY

Soft Case

DIMENSIONS



TERMINALS

Consideration for the Environment

Compliance with EU Directive RoHS*1

*1 RoHS is the acronym of "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

Reduction of resin usage in production

Use of hot runners in molds for making upper housing in order to reduce mill ends.

Reduction of CO_2 emissions

Carton volume has been cut down to 71%*2, reducing CO_2 emissions during transport.

*2 Compared to Hitachi CP-X2511 projector on the basis of one carton box.

Power saving mode engaged during standby

ECO mode

ECO mode provides power saving.

- Design and specifications are subject to change without notice.
- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
- HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Remote control warning: Do not look into the laser beam. Class 2 Laser product; maximum output 1mW; wavelength 650nm.

dnx pixelworks™

HITACHI

Hitachi America, Ltd., Digital Media Division, Business Solutions Group 900 Hitachi Way, Chula Vista, CA 91914-3556, U.S.A. and Canada
Tel: +1-800-HITACHI Fax: +1-619-591-5418 www.hitachi-america.us/digitalmedia
Hitachi Home Electronics Asia (S) Pte. Ltd. 438A Alexandra Road #01-01/02/03, Alexandra Technopark, Singapore 119967
Tel: +65-6536-2520 Fax: +65-6536-2521 www.hitachiconsumer.com.sg
Hitachi Sales (Malaysia) Sdn. Berhad (11543-V) Lot 12, Jalan Kemajuan, Bangi Industrial Estate, 43650 Bandar Baru Bangi, Selangor Darul Ehsan, Malaysia.
Tel: +60-3-8926-4168 Fax: +60-3-8926-3013 www.hitachiconsumer.com.my
Hitachi Sales (Thailand), Ltd. 994 Soi Thonglor, Sukhumvit 55 Road, Klongtonnua, Vadhana Bangkok 10110, Thailand
Tel: +66-2381-8381-98 Fax: +66-2381-0210/2381-0021 www.hitachi-th.com
Hitachi (Hong Kong), Ltd. 18th Floor, Ever Gain Centre, 28 On Muk Street, Shatin, N.T., Hong Kong Tel: +852-2113-8883 Fax: +852-2783-4178 www.hitachi-hk.com.hk
Hitachi Sales Corp. of Taiwan 2nd Floor, No.65, Nanking East Road, Section 3, Taipei 104, Taiwan Tel: +886-2-2516-0500 Fax: +886-2-2516-1501 www.hsct.com.tw
Hitachi Australia Pty Ltd. Level 3, 82 Waterloo Road, North Ryde, NSW 2113, Australia Tel: +61-2-9888-4100 Fax: +61-2-9888-4188 www.hitachi.com.au
Hitachi Europe Ltd. Whitebrook Park, Lower Cookham Road, Maidenhead, Berkshire, SL6 8YA, UK Tel: +44-1628-585000 Fax: +44-1628-643404 www.hitachidigitalmedia.com

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